GOVERNMENT OF MYSORE, STORES PURCHASE COMMITTEE, BANGALORE.

No. S. P. C. 18481-95, *dated* 22*nd February* 1938.

To

The Firms dealing in Steel Poles.

Enquiry No. 2711.

TUBULAR STEEL POLES. E.D. 529.

GENTLEMEN,

I write to request you to quote your best price and the earliest time of delivery for the steel poles of the specification given below :—

500—"Tubular Steel Poles" 36'—3" long overall, each comprising :—

1 tube 6" o.d. × 6 w.g. thick	..	20'—3" long.
1 tube 5" o.d. × 8 w.g. thick (Teles 14")	..	9'—2" ,,
1 tube 4" o.d. × 9 w.g. thick (Teles 10")	..	8'—10" ,,
Approximate weight, each	..	370 lbs.

Note.—The above "Tubular Steel Poles shall be built up of Hot Rolled Weldless Steel tubes, of 35/40 tons per sq. inch tensile material, in 3 sections of dimensions as detailed above, swaged together at joints when hot and as shown in Fig. 1 of our Drg. No. G-242. Each pole should be coated internally the whole length and externally for a distance to be planted, *i.e.*, 5 ft., with black bituminous paint, the remaining external portion should receive one coat of red oxide paint.

The poles to be offered should be manufactured according to the latest specifications of the B.E.S.A. and A.I.E.E. The materials will be required to be tested at the Factory before shipment and test certificates furnished along with the poles.

Full details of the poles offered, such as, diameter, thickness, collapsing load, deflection load, etc., should be furnished with the tender.

The price to be quoted should be for delivery both c.i.f., Madras and f.o.r., Bangalore.

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages.

Your quotation should reach this office on or before the 4th April 1938.

No. S. P. C. 18911-40, *dated* 22*nd February* 1938.

To

The Firms dealing in Machinery.

Enquiry No. 2732.

WINDING MACHINES, IMPREGNATING CHAMBER, ETC., FOR TRANSFORMER SECTION AT THE GOVERNMENT ELECTRIC FACTORY.

GENTLEMEN,

Please be good enough to intimate your best prices for delivery f.o.r. Bangalore and c.i.f., Madras, and the earliest time of delivery for the machines described in the attached schedule.

Quotations for the supply of machines of German manufacture should be in Reichmarks payable from out of our Aski Account at Reichs Kredit Gesselschaft, Germany.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specification will entail cancellation of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for the Winding Machines, Impregnating chamber, etc.," with the above Enquiry Number.

This enquiry will be closed on the 10th of April 1938.

Schedule:

Six Winding Machines.—These machines may be fully automatic or semi-automatic and must be capable of handling wires from No. 1 SWG. up to 28 SWG. The maximum weight of the coil would be about 500 lbs. and the face plate and other movable parts must be capable of handling coils up to a diameter 28″ and a length 3 ft. The changing of gears, etc., for different sizes of wires must be capable of easy manipulation. The machines will have to be individually driven and the power available is 230 volts, 25 cycles, 3 phase. The quotations will have to include necessary motors, bed, plates, etc.

Accessories such as tensioning devices (Hank stands) to allow the wire to be fed in uniform tension and retain the tension either when the machine is suddenly started or stopped may be quoted separately.

Full descriptive literature regarding the machinery offered must accompany the quotations.

One Winding Machine.—Fully automatic to handle wires from No. 14 SWG. up to No. 52 SWG. to wind coils up to a length of 8″ and up to a diameter of 8″ with paper insertion between layers and arrangement for cotton insertion to bind the end terms specifically. This has to be individually driven by a motor of sufficient capacity (price to be included) to be run by 230 volts, 3 phase, 25 cycles mains.

One Impregnating Chamber.—This impregnating Chamber is meant for impregnating with spirit varnishes and by an addition of another heating vessel must be capable of handling synthetic resin varnishes also. The essential parts it should contain are :

One Impregnating Chamber having the following characteristics :—

Internal dia.	6′—8′
Cylindrical height	3′—4′
Working pressure	40—60 lbs.
Vacuum on dry closed vessel	92 per cent.

The impregnating chamber will have to be fitted with the following instruments :—

1 Thermometer

1 Electrical illuminating device for illuminating the interior of the chamber so that we can see the transformer and the level of the varnish during course of impregnation.

1 Observation window.

1 Varnish reservoir of sufficient capacity to impregnate when the chamber is fully loaded. Inter connecting pipes, etc., to be added.

1 Compressor vacuum pump with sufficient capacity to give 90 per cent vacuum within 20 minutes after the starting of the chamber and the driving of motor is to be run from mains 230 volts 25 cycles, 3 phase. Necessary pulleys, slide rails, must also be included. Full details of the impregnating device permitting methodical extraction of the varnish solvent injected into the windings must be supplied. Descriptive literature giving the method of impregnation and method of extraction of the solvent must be supplied with the quotation.

Frequency changing set.—One motor generating set to give frequency ranging from 25 to 125 cycles with an output of 10 KW. on the generator side.

The motor will have to be run on 230 volts, 3 phase, 25 cycles. Necessary switchgear and other arrangement will have to be included so that the frequency at any of the above mentioned ranges may be held steady, and the necessary output got for testing purposes.

Testing Transformer.—One H. T. transformer with necessary switchgear and accessories for testing voltages up to 50 K.V. Full details of the type of bushing and the transformer offered may be given. The transformer is meant to conduct standard over-potential test on distribution transformer. Full particulars regarding the type and materials of construction may be sent.

Electric Meters.—(*a*) One single phase portable wattmeter (dynamometer type preferable) for 150-250 Volts, 5 amperes, range of frequency 25-60 cycles, accuracy required 0·1 per cent.

(*b*) One plyphase wattmeter for 150-250 volts, 5 amps., range of frequency 25-60 cycles, accuracy required, 0·1 per cent.

(*c*) One A.C. voltmeter 0-150-30 OV, scale divisions to read correct up to one volt, accuracy required 0·1 per cent.

(*d*) One A.C. voltmeter 0-15-30-60 volts, scale divisions to read correct up to 0·5 of a volt, accuracy required 0·1 per cent.

(*e*) Two A.C. ammeters 0-15-30 amperes.

No. S. P. C. 18941-65, *dated 25th February* 1938.

To

The Firms dealing in Oil Engine Pumping Sets.

Enquiry No. 2733.

OIL ENGINE PUMPING SETS REQUIRED FOR CHITALDRUG DIVISION.

GENTLEMEN,

Please be good enough to intimate your best prices for delivery, f.o.r., Chitaldrug and the earliest time of delivery for the materials described below:—

1. One Crude Oil Engine Pumping Set, capable of pumping 20,000 gallons per hour against a head of 50′, portable type, to pump out water from foundations in the river bed, consisting of sand and alluvial deposit. The pump must be capable of being fixed and worked on temporary sleeper plat-forms. Reinforced, flexible suction pipe 40′ long with foot valve and 40′ of wrought iron delivery pipe with collars and bends required.
2. One Crude Oil Engine Pumping Set, capable of pumping 10,000 gallons per hour against a head of 50′, do do do do

It should be distinctly understood that the acceptance by us of your qoutation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specification will entail cancellation of the order and purchases being made at your expense from other suorces in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Oil Engine Pumping Sets for Chitaldrug Division," with the above Enquiry Number.

This enquiry will be closed on the 9th March 1938.

No. S. P. C. 19238-477 *dated 25th February* 1938.

To

The firms dealing in Secondhand S. M. Rails.

Enquiry No. 2739.

SECONDHAND STEEL RAILS REQUIRED FOR SHIMOGA JOG TELEPHONE LINE.

DEAR SIR/GENTLEMEN

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described below.

It should be distinctly understood that the acceptance by us of your quotation will be subject to the following conditions :—

Withdrawal from the quotation after it is accepted or failure to make the supply within the specified time or according to specifications will entail cancellations of the order and purchases being made at your expense from other sources in addition to the levy of a penalty of 3 per cent of the value of the order as and by way of liquidated damages. In such an event, the Stores Purchase Committee reserve the right to remove your name from the list of approved firms.

The quotations should be superscribed "Quotations for Secondhand Steel Rails," with the above Enquiry Number.

This enquiry will be closed on the 14th March 1938.

Schedule.

Item No.	Description of material offered	Quantity	Price quoted F. O. R.	Time of delivery
	Second-hand Steel Rails flat-footed 24 ft. long 41½ lb. section per yard, dead-straight and in good serviceable condition free from rust and other defects.	300	Sagar Railway Station; Mysore State Railway.	

No. S. P. C. 19446-75—Schedule, dated 25th February 1938.

To

The Firms dealing in Paints and Varnishes.

Enquiry No. 2742.

PAINTS REQUIRED FOR THE MYSORE RAILWAY DEPARTMENT DURING THE YEAR 1938.

GENTLEMEN,

Please be good enough to intimate your best prices and the earliest time of delivery for the materials described in the attached schedule.

The prices to be quoted should be for delivery f.o.r., Mysore, and should reach the undersigned on or before the *14th March* 1938.

The materials specified are such as are likely to be required. Only such articles as may be required by the Department from time to time will have to be supplied in quantities to be indented for within a fortnight from the date of receipt of indent.

The prices quoted should hold good for a period of one year from the date of communication of our order and you will be required to execute an agreement and also deposit an amount of 5 per cent of the value of your order as security for the proper performance of the contract should you be successful in getting a contract.

Alipore test certificates of paints offered should accompany your tender. Samples need be sent only when called for. The Stores Purchase Committee reserve the right to draw samples from supplies made and get test chocks made when necessary to satisfy themselves that they conform to the quality quoted for and ordered by the Committee. The cost of such test which will be Rs. 40 per sample should be borne by the contractors.

Tenders should be submitted in sealed covers and superscribed "tender for Paints for the Mysore Railway Department during 1938".

Schedule.

Item No.	*Description of paint.*	*Approximate quantity.*
1.	Paint White Lead moist, in paste form to Indian Stores Department Specification do G.O.P. No. 114	5 tons.
2.	Paint Red Oxide moist do G.O.P. No. 118	5 cwts.
3.	Paint Chocolate light moist do G.O.P. No. 119	2 tons.
4.	Paint Black mixed for general use	3 cwts.
5.	Paint Middle Chrome Green moist do G.O.P. No. 127	2 ,,
6.	Paint White enamel finishing glossy Paripan	25 gallons.
7.	Paint White enamel, undercoating	25 ,,
8.	Paint Black enamel, heat resisting for engines	50 ,,
9.	Paint Black acid proof for engines	20 ,,
10.	Paint silica graphite, black colour, ready mixed "Dixon"	40 ,,
11.	Paint Black Japan, ready mixed	20 ,,
12.	Paint Black, Bhadravati	600 ,,
13.	Paint "Sidcrostnen" black, ready mixed	20 cwts.
14.	Paint Red lead, Dry powder to Indian Stores Department Specification No. G.O.P. 105	5 ,,
15.	Paint Lamp Black, Dry powder genuine to Indian Stores Department Specification	5 ,,
16.	Paint Yellow Ochre, Dry powder to Indian Stores Department Specification No. G.O.P. 112	3 ,,
17.	Paint Chocolate, ordinary, Dry powder to Indian Stores Department Specification	5 ,,
18.	Paint White lead Dry powder to Indian Stores Department Specification No. G.O.P. 136	3 ,,
19.	Paint Varnish copal	50 ,,

Paint Delux.

1.	Paint Black No. 98122 (in 5 or 1 O.M. gallons)	15 gallons.
2.	Paint Light Purple Brown R. 5180 M.S.M. Railway grade do	75 ,,
3.	Paint Ivory white, No. 983192 in 5 or 1 O M gallons	10 ,,
4.	Paint Ground coat No. 719137 do	100 ,,
5.	Paint Pale Gold No. 98165 do	10 ,,
6.	Paint Clear No. 5019 do	150 ,,
7.	Paint Signal Red 98107 do	25 ,,
8.	Paint Red Oxide finish R. 5181 do	150 ,,

Item. No.	Description of paint.	Approximate quantity.
	Paint Duco	
1.	Paint Primer No. 4400 in 5 or 1 O.M. gallons	50 gallons.
2.	Paint Filler No. A. F. 4362 do	300 ,,
3.	Paint Cleaning solvent 3036 do	10 ,,
4.	Paint Putty Glaze No. 4352	4 cwts.
5.	Paint Hard No. 4354	5 ,,
6.	Paint Turpentine, pure American, in 5 or 1 O.M. gallons ..	100 gallons.
7.	Paint Wood finish No. 4036 do	50 ,,
8.	Paint Thinner No. 17233 do	50 ,,
9.	Paint Wood paste filler wheelers do	1 cwt.
10.	Paint Bodying up fluid	20 gallons
11.	Paint Plaster of paris powder	28 lbs.

N.B.—Wherever any particular brand is specified, quotation need be sent for only for that particular Brand.

Yours faithfully,

T. RANGASWAMI,

Secretary,

Stores Purchase Committee.

Statement of orders placed by the Stores Purchase Committee, Government of Mysore, Bangalore, both in India and Foreign Countries, during the week ending Saturday the 15th January 1938.

Indent & Enquiry No.	Description of material	Quantity	Name of firm	Value of order
Local.			Messrs:—	Rs. a. p.
4213	Paterson Pressure filter of 78″ internal dia. capable of filtering 3,500 gallons of water per hour against a working pressure of 100 lbs. per sq. inch complete with automatic alum addison gear, pet cocks, valves, indicators, etc.	One	Paterson Engineering Co., (India), Ltd., Calcutta.	4,611 0 0 f.o.r., Chitaldrug.
4215	Galvanised Iron wire No. 8 B.W.G. breaking strength not less than 1,170 lbs. in coils of one cwt. each.	10 cwts.	A. Ahmedally & Co., Madras	15 0 0 per cwt. f.o.r., Davangere.
2582	Tin ingots, pure Penang	1 ,,	Do	146 8 0 do do
	Bolts and Nuts. Iron Hexagonal Head 2″×¼″.	2,500 Nos.	M. N. Hussen & Co., Bangalore	38 0 0 do do
	Bolts and Nuts. Iron Hexagonal head of sizes 2″×½″, 2½″×½″, 3″×½″ and 4″×½″.	2,000 ,,	Chimanlal Vadilal & Co., Bombay.	17 0 0 do do
4164	Ball mill complete D.C. 2445 suitable for 220 volts, 25 cycles A.C.	One set	Baird & Tatlock (London), Ltd., Calcutta.	277 8 0 f.o.r., Howrah.
Extn. 4188	Circular saws. Silver Steel 36″ dia. 1½″ bore, 60 teeth and 11 gauge, manufactured by Slack Sellers & Co., Sheffield.	12	M. N. Hussen & Co., Bangalore	47 0 0 each, f.o.r., Shimoga.
Extn. 4216	Necessary steel work comprising roof girders, side and gable framing purlins, wall runners window framing, glazing, runners, glazing tees complete with angles and plates, down pipes, doors, clamps bolts and nuts, etc. The steel work painted with one coat of Red oxide.	Lot.	Richardson and Cruddas, Madras.	63,150 0 0 lumpsum, f.o.r., Mysore South under R.M.C.
2482	Extras on account of double angle rafters of size 2½″×2½″×¼″ to be used in place of single rafters of 3″×3″×¼″ for roof trusses.	Lot.	Do ..	1,540 0 0 do
	Corrugated sheeting, necessary Everest "Big Six" cement asbestos 9/32″ thick required for roofing, inclusive of curved sheets, fastenings.	260 sqrs.	Steel Construction Co., Bangalore.	7,050 0 0 f.o.r., Kymore.
	Sky Lights, Seventy "Big Six" with 36″×20″ day light space, inclusive of ¼″ thick rough cast glass and fastenings.	70 Nos.	Do ..	2,960 0 0 f.o.r., Mysore South under R.M.C.
	Erection of materials ..	..	Richardson & Cruddas, Madras	5,560 0 0

Indent & Enquiry No.	Description of material	Quantity	Name of firm	Value of order
Local.			Messrs:—	Rs. a. p.
4218	Microscope, Leitz, complete equipment with the new-type revolving objective nose piece with-centring devices. The miscroscope limb raised for using with the Universal Rotating Stage U.T. 5.	One.	P. Orr & Sons, Ltd., Madras	1,953 0 0 f.o.r., Bangalore.
2569	U.T. 5 (No. 2083) with a pair of segments RI 1·55 clamping screws and case.	One.	Do	700 0 0 f.o.r., Bangalore.
4202	Dumpy level 14″ long with screw levelling base circular compass engine divided aluminium dial ring reading to ½ degrees by prism reader with high and low power inverting eye-piece.	5	Do	380 0 0 each, f.o.r., Mysore.
Extn.				
4219	Dissecting microscope with movable magnifier holder magnification × 10 complete with reflector (No. 6485F).	12	The Oriental Science Apparatus Workshop, Ambala Cantt.	20 8 0 each, f.o.r., Bangalore
4221	(*a*) Ferroprussiate paper, Renker Belipa 40″ wide 10 yds. long 110 gr.	Rate contract	M.A. Salam Abdul Majeed & Co., Bangalore City.	(*a*) 1 11 6 for lots of 12 rolls or more at a time f.o.r., eight districts in the State.
2625	(*b*) Ferro Gallic paper, Renker Belipa 40″ wide × 10 yds. long.	Do	Do	(*b*) 2 12 0 do
	Ferro Gallic cloth No. 515, 40″ wide 10 yds. long.	Do	S. Gandy & Co., Bombay	3 12 0 do
	Ozalid 'SS' paper 10 yds. long 40″ wide 110 gr. medium standard.	Do	Steel Co., Bangalore City	4 9 0 do
4150	Tents, Swiss Cottage size 14′ × 14′ square ended double fly, four folds of cloth throughout, 6 ft. high complete with durrie, purdhas, wooden poles, mallets, etc., complete.	Two.	Cawnpore Dyeing and Cloth Printing Co., Ltd., Cawnpore.	490 0 0 each nett, f.o.r., Maddur.
Extn.				
4222	Hindustani Closet, white porcelain, closet pan 22″ P trap 3 gallons Burlington flushing tank 1¼ G.I. telescopic flush pipe and one pair of marble foot rests.	6 sets	Armugam Nagarathnam & Co., Bangalore.	31 0 0 per set,, f.o.r., Chintamani.
2590				
4223	Dram cups, Nickel, hemispherical consisting of 1 dram, ½ dram and ¼ dram.	200 ,,	M. Mooza Raza Sahib & Sons, Bangalore City.	2 13 6 por set, f.o.r., Bangalore.
2636	Weights, copper, each set consisting of ⅛, 1/16, 1/32 tola weights.	200 ,,	Do	0 9 0 do do
4001	Paper, Badamy Double Demy 22½″ × 35″—28 lbs.	1,200 Rms.	Beccan Paper Mills Co., Ltd., Poona.	4 7 2 per Rm. f.o.r., Bangalore.
Extn.				
4225	Ceiling fans G.E. 52″ A.C. brown finish equipped with 4 blades suitable for use on 220 volts, 25 cycles, A.C.	Two.	International General Electric Co., Ltd., Bangalore.	170 0 0 each, f.o.r., Bangalore
2646				
Foreign.				
2370	Oil circuit Breaker, automatic, solenoid operated remote control triple pole, single throw rated for 6,600 volts, 600 amps. at 25 cycles having a guaranteed rupturing capacity of 75,000 K.V.A.	Two	Eastern Electric & Engineering Co., Bombay.	£ 47-6-0 each, c.i.f., Madras.
2340	Control switches type E.G. to be used on the remote control of the oil circuit breaker suitable for panel mounting counter sank pattern including signalling lamp.	Two	Do	£ 6-0-0 do
				Rs. a. p.
2371	Tabletting machine type K.T.A.I. maximum pressure exerted 12 tons 22 strokes per minute, nett weight of the machine 2,100 lbs.	One	Geber Goetz Lanea, Germany	2,350 0 0 f.o.r., Madras.
	Arrangements for direct driving with belts and guard (without motor).	Lot	Do	138 0 0 do
2372	Presses, Goetz with new two crankshaft system without arrangement for hand operation but with pulleys 2′ dia. × 4″ for motor drive, with extras.	Three	Do	2,884 0 0 each, f.o.r., Bombay.
	Automatic Temperature control 4·4 K.W. suitable for 220 volts, 25 cycles and 3 phase.	Three	Do	258 0 0 do

T. RANGASWAMI,
Secretary,
Stores Purchase Committee.